

Claims:

1. A polynucleotide comprising a member selected from the group consisting of:
- (a) a polynucleotide encoding the polypeptide as set forth in SEQ ID NO:2;
 - (b) a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a); and
 - (c) a polynucleotide fragment of the polynucleotide of (a) or (b).
2. The polynucleotide of claim 1 wherein the polynucleotide is DNA.
3. A vector containing one or more of the polynucleotides of claim 1 and 2.
4. A host cell containing the vector of claim 3.
5. A process for producing a polypeptide comprising: expressing from the host cell of claim 4 the polypeptide encoded by said DNA.
6. A polypeptide selected from the group consisting of
- (a) a polypeptide having the deduced amino acid sequence of SEQ ID NO:2 and fragments, analogs and derivatives thereof, and
 - (b) a polypeptide comprising amino acid 1 to amino acid 2201 of SEQ ID NO:2.
7. An antibody capable to bind to the polypeptide of claim 6.
8. A diagnostic kit for the detection of the polypeptide of claim 6.

9. Use of a polypeptides encoded by a polynucleotide comprising a member selected from the group consisting of:

- (a) a polynucleotide as set forth in SEQ ID NO:1, 3, 4 and 6 to 31;
(b) a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a); and
(c) a polynucleotide fragment of the polynucleotide of (a) or (b)

in an assay for for detecting modulators of said polypeptides.

10. Modulator of a polypeptides encoded by a polynucleotide comprising a member selected from the group consisting of:

- (a) a polynucleotide as set forth in SEQ ID NO:1, 3, 4 and 6 to 31;
(b) a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a); and
(d) a polynucleotide fragment of the polynucleotide of (a) or (b)

11. A pharmaceutical comprising the modulator of claim 10

12. An assay for detecting polypeptides encoded by a polynucleotide comprising a member selected from the group consisting of:

- (a) a polynucleotide as set forth in SEQ ID NO:1, 3, 4 and 6 to 32 and 54;
(b) a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a); and
(c) a polynucleotide fragment of the polynucleotide of (a) or (b)

09786635-052204

Part
A1 5